

What is claimed is:

1. A device for foaming an area around the periphery of a transparent pane, which includes a top tool comprising an interchangeable top shaping means mounted on a top carrier, and a bottom tool comprising an interchangeable bottom shaping means mounted on a bottom carrier, wherein each shaping means acts as a boundary for an area to be peripherally foamed, and the top tool and the bottom tool are adjustable relative to one another to enable insertion or removal of the pane, and wherein the top and bottom shaping means are interchangeable to enable matching of the peripheral foaming device to panes of at least one of different shapes and sizes.

2. The device as set forth in claim 1, further comprising an ejector provided with support elements for the pane, wherein the support elements are interchangeable to enable matching of the foaming device to panes of different sizes and/or shapes.

3. The device as set forth in claim 1, further comprising a means for positioning of parts to be mounted in the area to be peripherally foamed, such that the means for positioning is interchangeable to enable matching of the foaming device to different size parts to be mounted in the area to be peripherally foamed.

4. The device as set forth in claim 3, wherein the means for positioning of the parts to be mounted in the area to be peripherally foamed is at least in part integrated into the top shaping means.

5. The device as set forth in claim 4, wherein the means for positioning of the parts to be mounted in the area to be peripherally foamed further comprises a catch projection and an actuatable slider.

6. The device as set forth in claim 3, wherein the parts to be mounted in the area to be peripherally foamed are retaining angles for the pane.

7. The device as set forth in claim 1, comprising a centering means for the pane wherein the centering means is capable of centering panes of at least one of different sizes and shapes.

8. The device as set forth in claim 7, wherein the centering means further comprises a step and wherein the step is interchangeable to enable matching to panes of at least one of different sizes and shapes.

9. The device as set forth in claim 1, wherein the area to be peripherally foamed is an edge area of the pane and the top and bottom shaping means are of an annular shape.

10. The device as set forth in claim 9, wherein the top shaping means and the bottom shaping means are each provided with handles to enable manual replacement.

11. The device as set forth in claim 1, further comprising a media interface between the top carrier and the top shaping means to enable media to be supplied to the top shaping means.

12. The device as set forth in claim 1, wherein the bottom shaping means is provided with a vacuum panel connected to a vacuum connection via an interface located between the bottom carrier and the bottom shaping means.